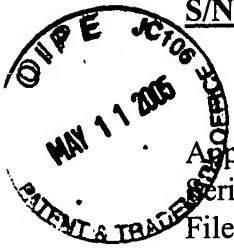


S/N 10/688,823

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-------------|--|-----------------|--------------|
| Applicant: | Sam Yang et al. | Examiner: | Scott Wilson |
| Serial No.: | 10/688,823 | Group Art Unit: | 2826 |
| Filed: | October 17, 2003 | Docket: | 303.660US7 |
| Title: | METAL OXYNITRIDE CAPACITOR BARRIER LAYER | | |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), please charge Deposit Account No. 19-0743 in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p).

05/11/2005 EAREGAY1 00000042 190743 10688823

01 FC:1806 180.00 DA

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

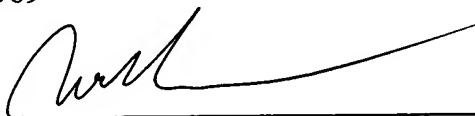
Respectfully submitted,

SAM YANG ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6969

Date 9 May 2005

By 
Viet V. Tong
Reg. No. 45,416

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of May, 2005.

Name

Tina Khorak

Signature

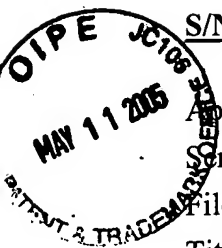


| | | |
|---|--------------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | Complete if Known | |
| | Application Number | 10/688,823 |
| | Filing Date | October 17, 2003 |
| | First Named Inventor | Yang, Sam |
| | Group Art Unit | 2826 |
| | Examiner Name | Wilson, Scott |
| Sheet 1 of 1 | Attorney Docket No: 303.660US7 | |

| US PATENT DOCUMENTS | | | | |
|---------------------|---------------------|------------------|---|----------------------------|
| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Filing Date If Appropriate |
| | US-6,544,900 | 04/08/2003 | Raaijmakers, I , et al. | 11/14/2001 |

EXAMINER

DATE CONSIDERED



S/N 10/688,823

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sam Yang et al.

Examiner: Scott Wilson

Serial No.: 10/688,823

Group Art Unit: 2826

Filed: October 17, 2003

Docket: 303.660US7

Title: METAL OXYNITRIDE CAPACITOR BARRIER LAYER

COMMUNICATION CONCERNING RELATED APPLICATION(S)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

| <u>Serial/Patent No.</u> | <u>Filing Date</u> | <u>Attorney Docket</u> | <u>Title</u> |
|--------------------------|----------------------|------------------------|--|
| 09/364852 6465828 | July 30, 1999 | 303.609US1 | SEMICONDUCTOR CONTAINER STRUCTURE WITH DIFFUSION BARRIER |
| 09/484815 6417537 | January 18, 2000 | 303.660US1 | METAL OXYNITRIDE CAPACITOR BARRIER LAYER |
| 09/940824 6670256 | August 28, 2001 | 303.660US2 | METAL OXYNITRIDE CAPACITOR BARRIER LAYER |
| 09/997920 6664583 | November 30, 2001 | 303.660US3 | METAL OXYNITRIDE CAPACITOR BARRIER LAYER |
| 09/999281 6664584 | November 30, 2001 | 303.660US4 | METAL OXYNITRIDE CAPACITOR BARRIER LAYER |
| 09/997876 6631069 | November 30, 2001 | 303.660US5 | METAL OXYNITRIDE CAPACITOR BARRIER LAYER |
| 10/267499 6780706 | October 9, 2002 | 303.609US2 | SEMICONDUCTOR CONTAINER STRUCTURE WITH DIFFUSION BARRIER |
| 10/688678 | October 17, 2003 | 303.660US6 | METAL OXYNITRIDE CAPACITOR BARRIER LAYER |

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 10/688,823

Filing Date: October 17, 2003

Title: METAL OXYNITRIDE CAPACITOR BARRIER LAYER

Page 2

Dkt: 303.660US7

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicant requests that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

SAM YANG ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6969

Date

9 May 2005

By



Viet V. Tong

Reg. No. 45,416

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of May, 2005.

Name

Tina Kohout

Signature

